

FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
500466.02APPLICATION NO.  
not yet assigned

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)

Kie Y. Ahn and Leonard Forbes

FILING DATE

Concurrently Herewith

GROUP ART UNIT

not yet assigned

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
K/M	AA	3,954,523	05/04/76	Magdo et al.	438	409	
K/M	AB	4,652,467	03/24/87	Brinker et al.	427	246	
K/M	AC	4,987,101	01/22/91	Kaanta et al.	438	619	
K/M	AD	5,103,288	04/07/92	Sakamoto et al.	257	758	
K/M	AE	5,186,670	02/16/93	Doan et al.	445	24	
K/M	AF	5,470,801	11/28/95	Kapoor et al.	438	471	
K/M	AG	5,473,222	12/05/95	Theony et al.	315	169.1	
K/M	AH	5,569,058	10/29/96	Gnade et al.	445	24	
K/M	AI	5,793,154	08/11/98	Itoh et al.	313	308	
K/M	AJ	5,804,910	09/08/98	Tjaden et al.	313	310	
K/M	AK	5,869,169	02/09/99	Jones	428	213	
K/M	AL	5,898,258	04/27/99	Sakai et al.	313	309	
K/M	AM	6,028,322	02/22/00	Moradi	257	10	

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

K/M	AN	I.C. Stevenson, "Production of SiO <sub>2</sub> Films Over Large Substrate-Area by Ion-Assisted Deposition of SiO with a Cold Cathode Source," <i>Soc. of Vac. Coaters, Proc. 36<sup>th</sup> Annual Tech. Conf.</i> , pp. 88-93, 1993.
K/M	AO	S.Z.A. Zaidi et al., "Conduction Mechanisms in Co-Evaporated Mixed Mn/SiO <sub>x</sub> Thin Films," <i>Journal of Materials Science</i> , 32:3349-3353, 1997.
K/M	AP	C. Nunes de Carvalho et al., "Improvement of the Ito-P Interface in a Si:H Solar Cells Using a Thin SiO Intermediate Layer," <i>Mat. Res. Soc. Symp. Proc.</i> , 420:861-865, 1996.
K/M	AQ	Babu R. Chalamala et al., "Fed Up with Fat Tubes," <i>IEEE Spectrum</i> , pages 42-51, April 1998.

EXAMINER

Kenneth J. Ramsey  
Primary Examiner

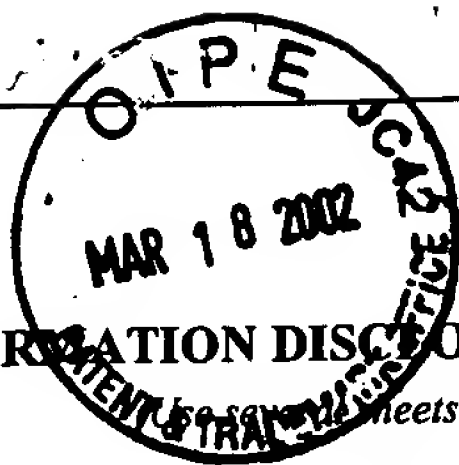
DATE CONSIDERED

6/24/02

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
500466.02APPLICATION NO.  
09/994,511

## INFORMATION DISCLOSURE STATEMENT



(See instructions if necessary)

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ORIGINALLY FILED

APPLICANT(S)

Kie Y. Ahn and Leonard Forbes

FILING DATE

November 26, 2001

GROUP ART UNIT

2879

RECEIVED

MAR 22 2002

## U.S. PATENT DOCUMENTS

TECH CENTER 2800

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KJR	AA	6,251,470	06/26/01	Forbes et al.	427	97	
KJR	AB	6,255,156	07/03/01	Forbes et al.	438	235	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AK							
	AL							
	AM							
	AN							
	AO							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	
	AQ	
	AR	

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